

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR083118\
 Data File : PR031726.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2018 22:31
 Operator : SM\SJ
 Sample : J4729-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 02:50:13 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR083018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 07:21:10 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.532	3.672	199.5E6	382.0E6	14.634	15.364
2)	SA Decachlor...	10.274	8.522	421.3E6	306.5E6	16.965	19.219
Target Compounds							
3)	L1 AR-1016-1	5.234	4.311	12855090	72605139	34.408	92.467 #
4)	L1 AR-1016-2	5.378	4.716	18682944	28612680	50.105	25.309 #
5)	L1 AR-1016-3	5.656	4.716	4918592	28612680	8.036	15.119 #
6)	L1 AR-1016-4	5.779	4.788	6363217	2092014	12.265	1.791 #
7)	L1 AR-1016-5	6.141	5.156	2954523	36742559	6.672	33.833 #
8)	L2 AR-1221-1	4.730	3.862	17437300	37867918	106.926	117.774
9)	L2 AR-1221-2	4.802	3.968	26223823	30158574	212.152	119.873 #
10)	L2 AR-1221-3	4.907	4.006	58620863	25881960	152.246	34.332 #
11)	L3 AR-1232-1	5.732	4.476	6864200	24416106	18.779	69.514 #
12)	L3 AR-1232-2	5.928	4.626	7415854	81248128	43.841	704.218 #
13)	L3 AR-1232-3	6.051	4.959	5200778	55399428	110.681	146.758 #
14)	L3 AR-1232-4	6.346	5.311	23978483	64932344	494.598	139.591 #
15)	L3 AR-1232-5	7.250	0.000	19657415	0	595.442	N.D. #
16)	L4 AR-1242-1	5.276	4.311	32863073	72605139	209.220	217.510
17)	L4 AR-1242-2	5.985	4.910	32691901	23498576	110.295	31.679 #
18)	L4 AR-1242-3	6.208	5.016	10416914	45973511	66.863	178.760 #
19)	L4 AR-1242-4	6.208	5.361	10416914	14487202	87.722	58.069 #
20)	L4 AR-1242-5	6.301	5.756	6198487	52228239	16.211	90.027 #
21)	L5 AR-1248-1	5.952	4.943	4035630	19162800	7.953	17.316 #
22)	L5 AR-1248-2	6.524	5.488	7218601	6249288	13.457	2.746 #
23)	L5 AR-1248-3	6.564	5.508	12336948	43605114	16.927	27.363 #
24)	L5 AR-1248-4	6.600	5.676	4786963	76517916	6.938	53.049 #
25)	L5 AR-1248-5	6.811	6.025	32578485	36725492	68.861	35.291 #
26)	L6 AR-1254-1	6.777	5.635	29954169	63990176	22.621	25.108
27)	L6 AR-1254-2	7.037	5.953	5248796	46224389	6.319	25.351 #
28)	L6 AR-1254-3	7.158	6.296	12968394	17236851	8.743	5.257 #
29)	L6 AR-1254-4	7.419	6.602	21633630	31185074	18.059	20.951
30)	L6 AR-1254-5	7.651	6.652	17153682	15068168	19.794	7.153 #
31)	L7 AR-1260-1	7.250	6.164	19657415	102.3E6	19.581	45.052 #
32)	L7 AR-1260-2	7.547	6.336	4002458	33819334	3.023	12.135 #
33)	L7 AR-1260-3	7.833	0.000	7012970	0	4.543	N.D. #
34)	L7 AR-1260-4	8.110	0.000	2701702	0	2.407	N.D. #
35)	L7 AR-1260-5	8.450	7.254	26125172	21653283	10.081	7.358 #
36)	L8 AR-1262-1	7.187	6.025	2696827	36725492	4.557	25.869 #
37)	L8 AR-1262-2	7.910	6.722	9854999	18831533	16.824	17.552
38)	L8 AR-1262-3	8.166	0.000	26947249	0	52.018	N.D. #
39)	L8 AR-1262-4	8.859	7.497	28457473	23955830	18.595	20.621
40)	L8 AR-1262-5	9.553	0.000	8863689	0	7.889	N.D. #
41)	L9 AR-1268-1	7.910	6.680	9854999	16839226	17.005	16.240

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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR083018.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.166	7.497	26947249	23955830	33.328	9.367 #
45) L9	AR-1268-5	9.933	0.000	6053730	0	0.687	N.D. #

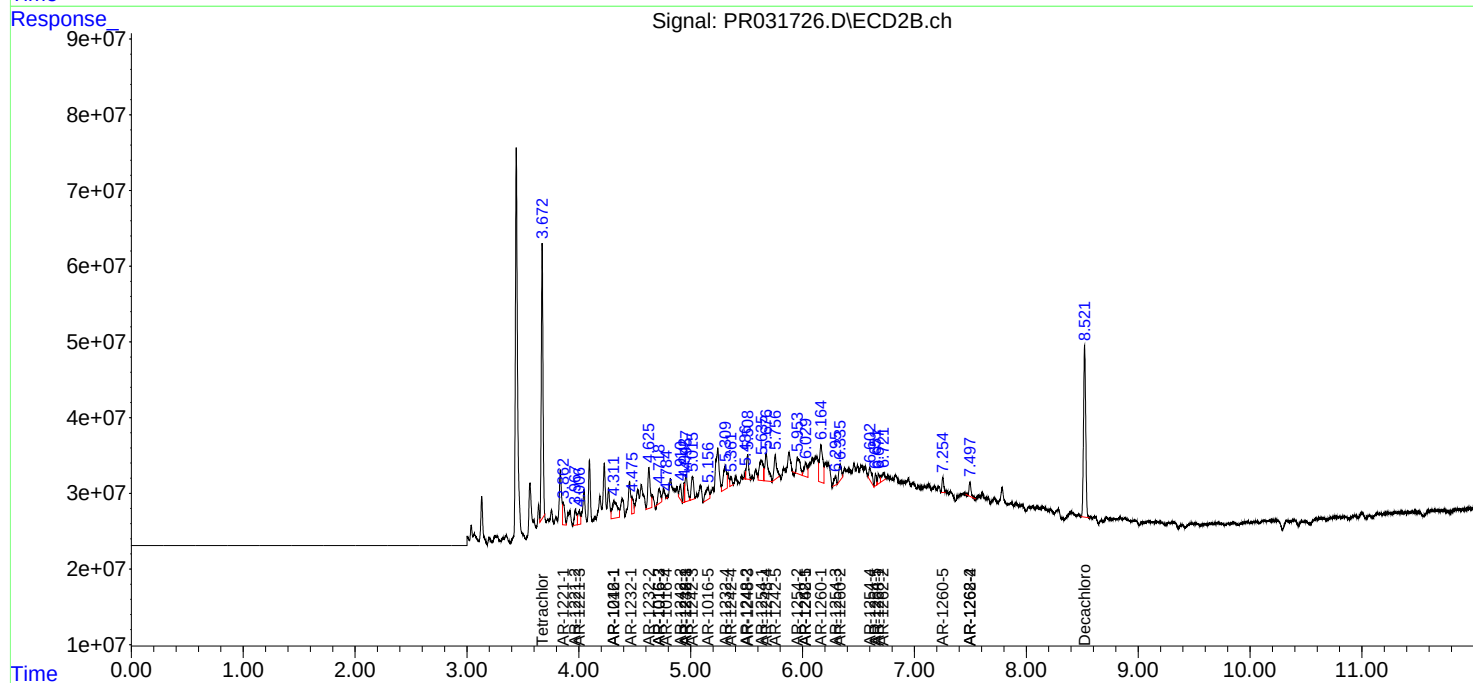
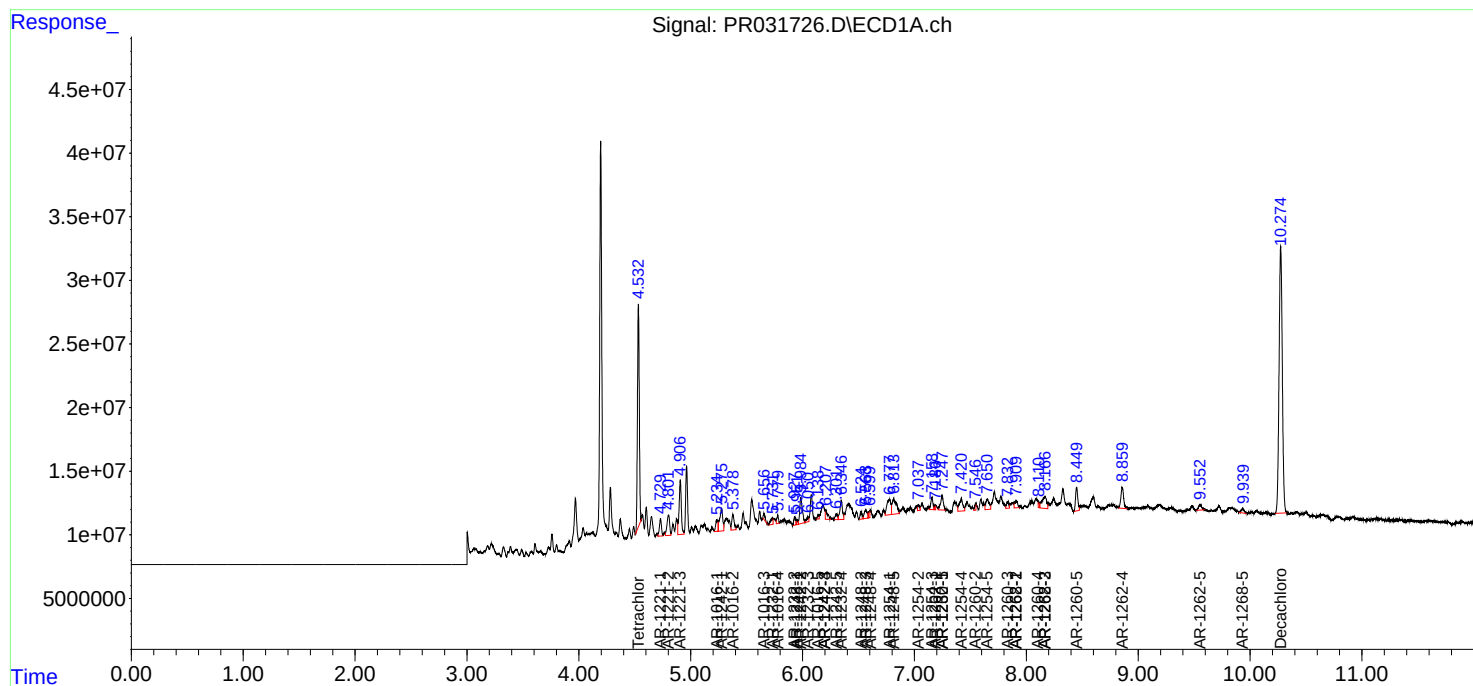
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

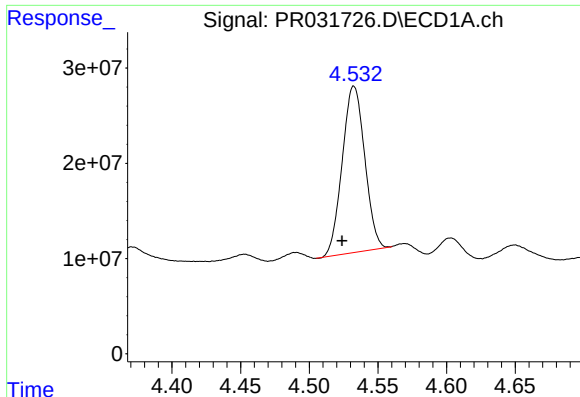
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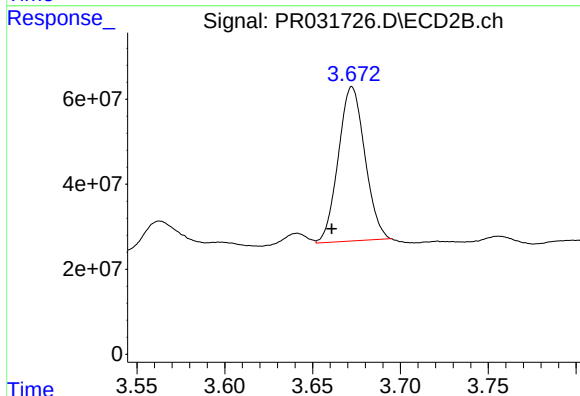




#1 Tetrachloro-m-xylene

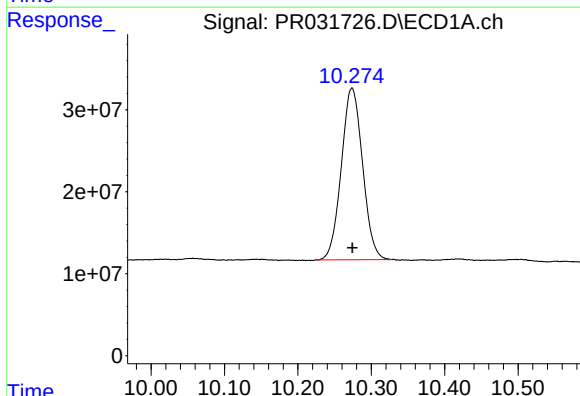
R.T.: 4.532 min
Delta R.T.: 0.008 min
Response: 199478635
Conc: 14.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



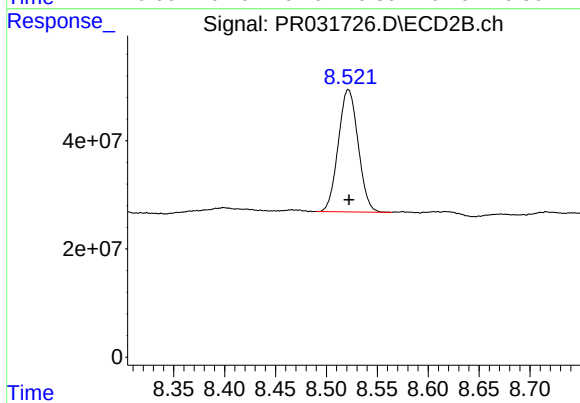
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
Delta R.T.: 0.012 min
Response: 381970794
Conc: 15.36 ng/ml



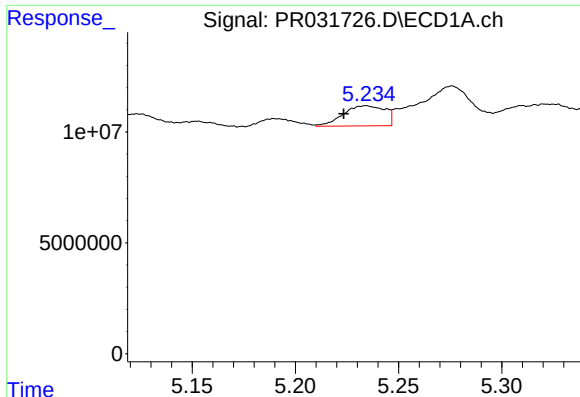
#2 Decachlorobiphenyl

R.T.: 10.274 min
Delta R.T.: 0.000 min
Response: 421333616
Conc: 16.97 ng/ml



#2 Decachlorobiphenyl

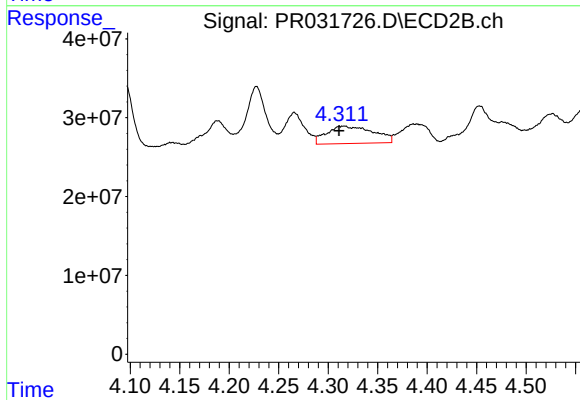
R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 306504348
Conc: 19.22 ng/ml



#3 AR-1016-1

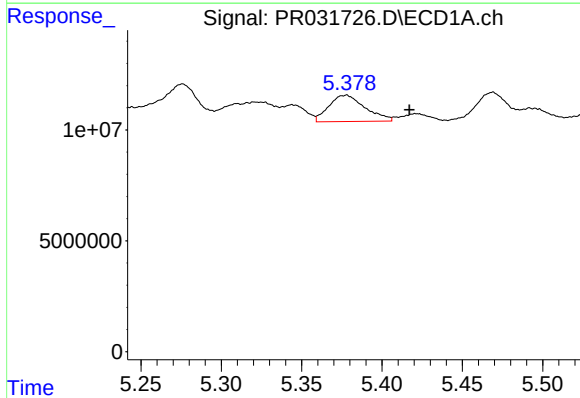
R.T.: 5.234 min
Delta R.T.: 0.011 min
Response: 12855090
Conc: 34.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



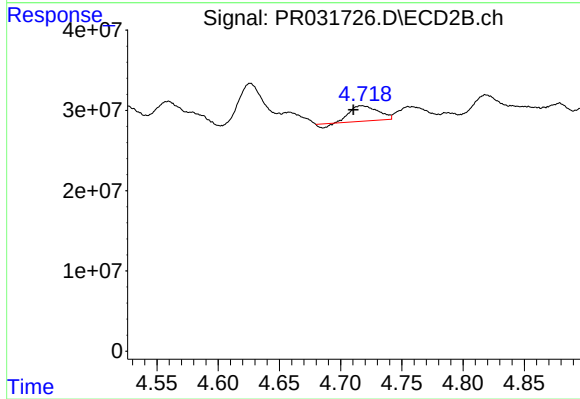
#3 AR-1016-1

R.T.: 4.311 min
Delta R.T.: 0.000 min
Response: 72605139
Conc: 92.47 ng/ml



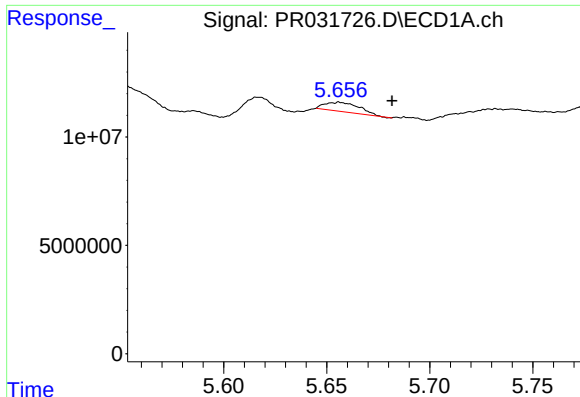
#4 AR-1016-2

R.T.: 5.378 min
Delta R.T.: -0.039 min
Response: 18682944
Conc: 50.11 ng/ml



#4 AR-1016-2

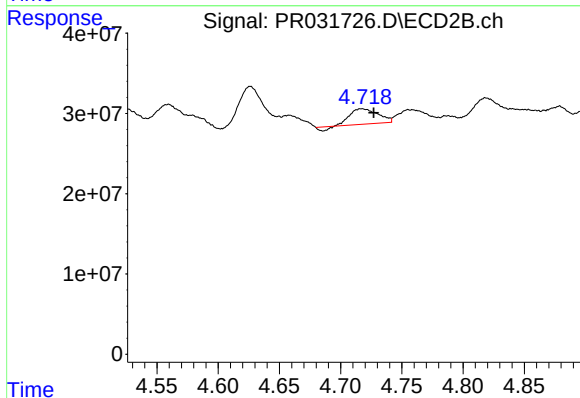
R.T.: 4.716 min
Delta R.T.: 0.006 min
Response: 28612680
Conc: 25.31 ng/ml



#5 AR-1016-3

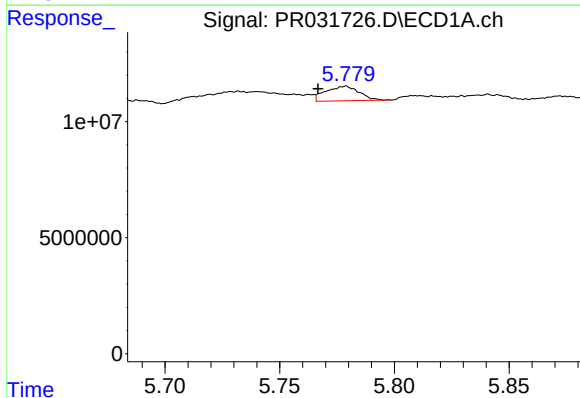
R.T.: 5.656 min
Delta R.T.: -0.026 min
Response: 4918592
Conc: 8.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



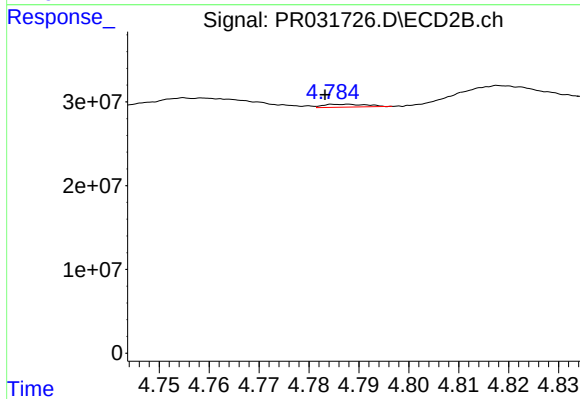
#5 AR-1016-3

R.T.: 4.716 min
Delta R.T.: -0.011 min
Response: 28612680
Conc: 15.12 ng/ml



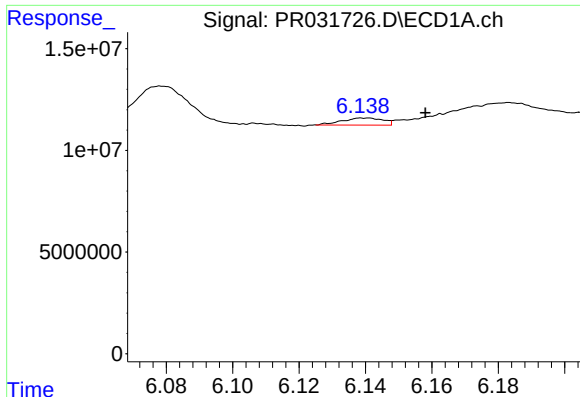
#6 AR-1016-4

R.T.: 5.779 min
Delta R.T.: 0.012 min
Response: 6363217
Conc: 12.26 ng/ml



#6 AR-1016-4

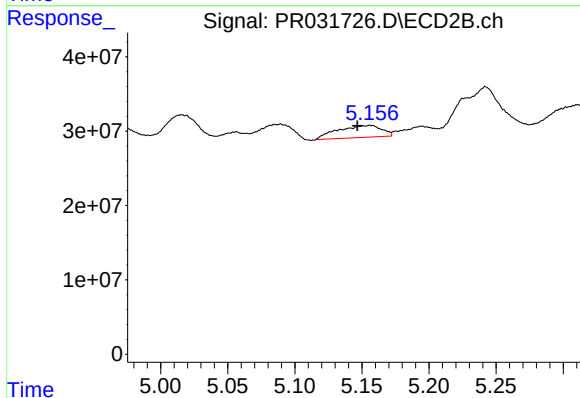
R.T.: 4.788 min
Delta R.T.: 0.005 min
Response: 2092014
Conc: 1.79 ng/ml



#7 AR-1016-5

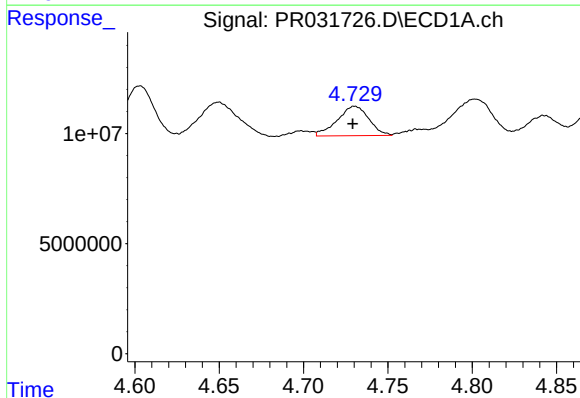
R.T.: 6.141 min
Delta R.T.: -0.017 min
Response: 2954523
Conc: 6.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



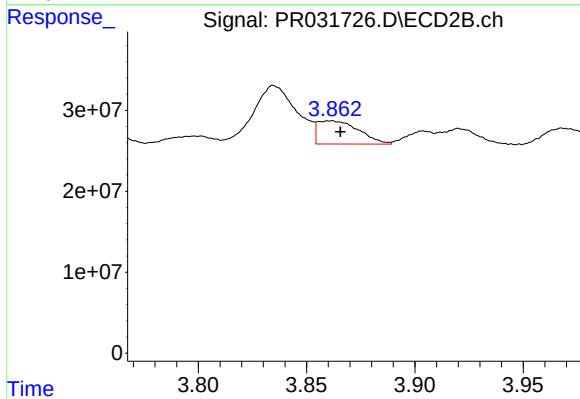
#7 AR-1016-5

R.T.: 5.156 min
Delta R.T.: 0.009 min
Response: 36742559
Conc: 33.83 ng/ml



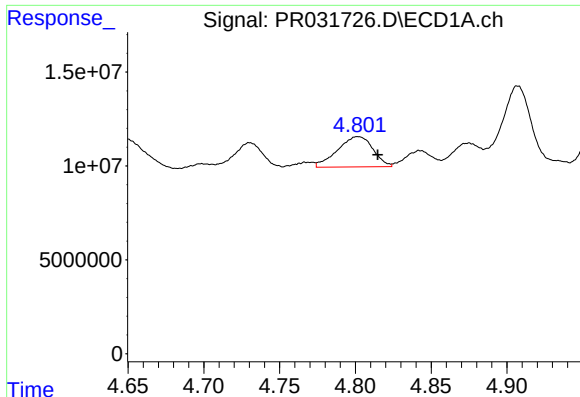
#8 AR-1221-1

R.T.: 4.730 min
Delta R.T.: 0.001 min
Response: 17437300
Conc: 106.93 ng/ml



#8 AR-1221-1

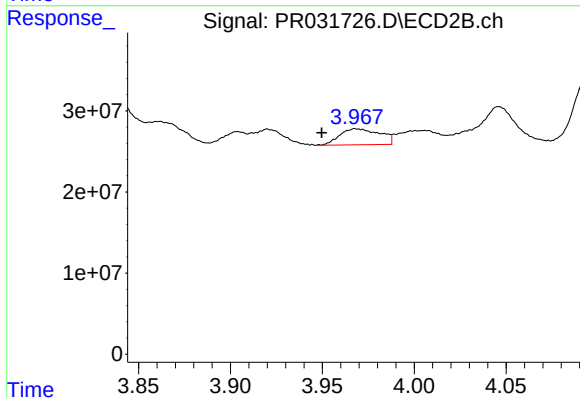
R.T.: 3.862 min
Delta R.T.: -0.004 min
Response: 37867918
Conc: 117.77 ng/ml



#9 AR-1221-2

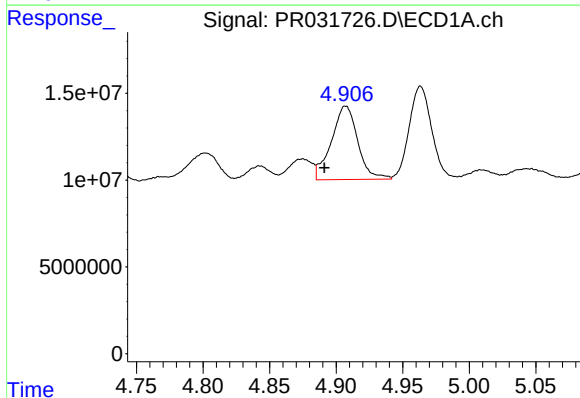
R.T.: 4.802 min
Delta R.T.: -0.013 min
Response: 26223823
Conc: 212.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



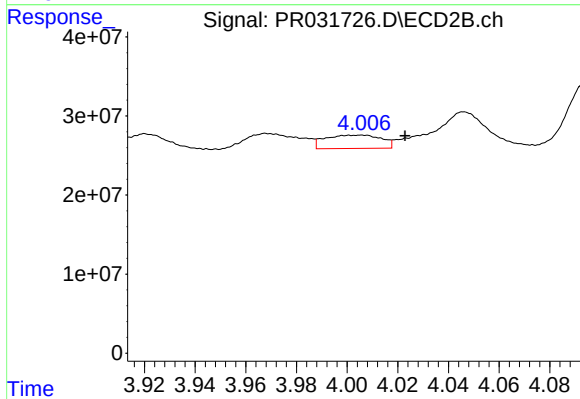
#9 AR-1221-2

R.T.: 3.968 min
Delta R.T.: 0.018 min
Response: 30158574
Conc: 119.87 ng/ml



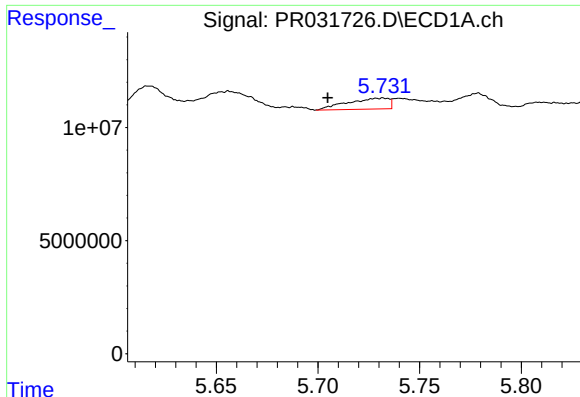
#10 AR-1221-3

R.T.: 4.907 min
Delta R.T.: 0.016 min
Response: 58620863
Conc: 152.25 ng/ml



#10 AR-1221-3

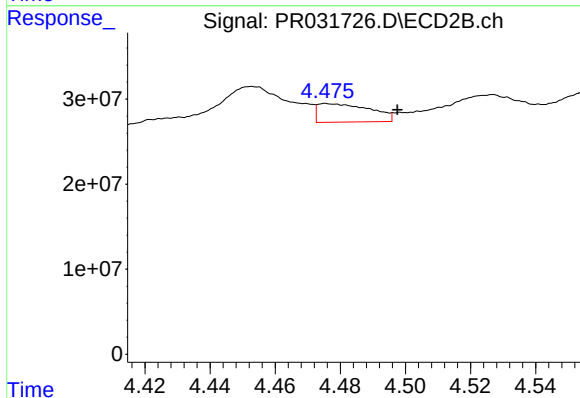
R.T.: 4.006 min
Delta R.T.: -0.017 min
Response: 25881960
Conc: 34.33 ng/ml



#11 AR-1232-1

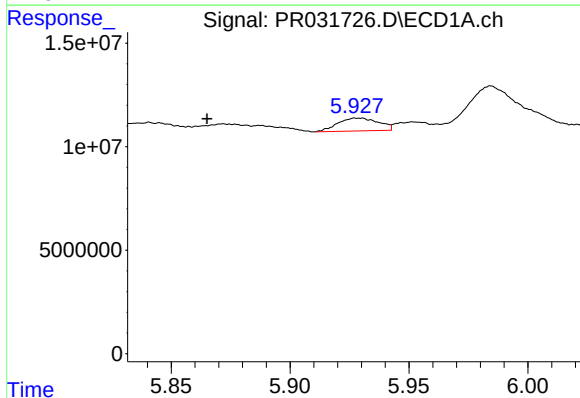
R.T.: 5.732 min
Delta R.T.: 0.027 min
Response: 6864200
Conc: 18.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



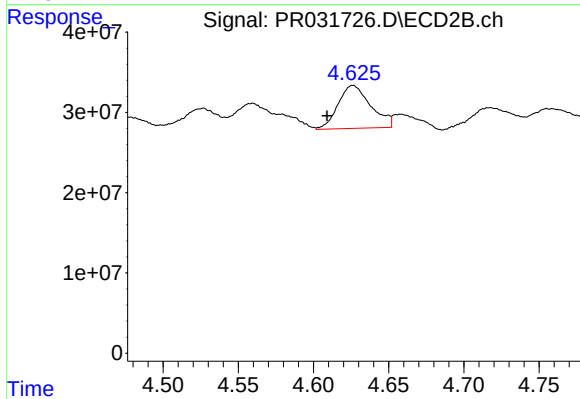
#11 AR-1232-1

R.T.: 4.476 min
Delta R.T.: -0.022 min
Response: 24416106
Conc: 69.51 ng/ml



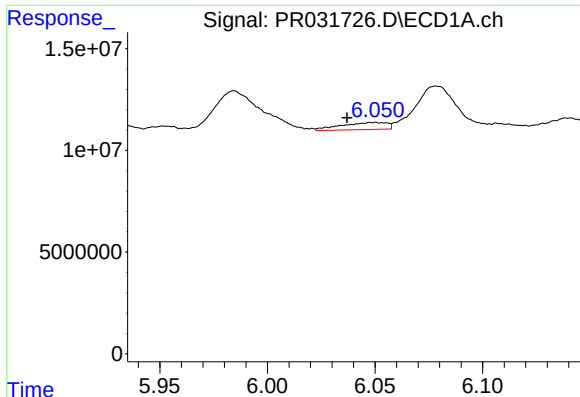
#12 AR-1232-2

R.T.: 5.928 min
Delta R.T.: 0.063 min
Response: 7415854
Conc: 43.84 ng/ml



#12 AR-1232-2

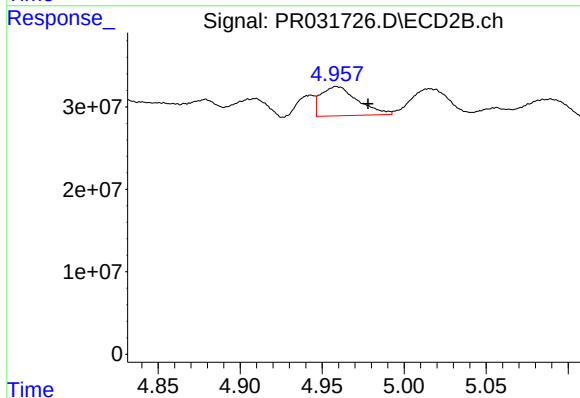
R.T.: 4.626 min
Delta R.T.: 0.017 min
Response: 81248128
Conc: 704.22 ng/ml



#13 AR-1232-3

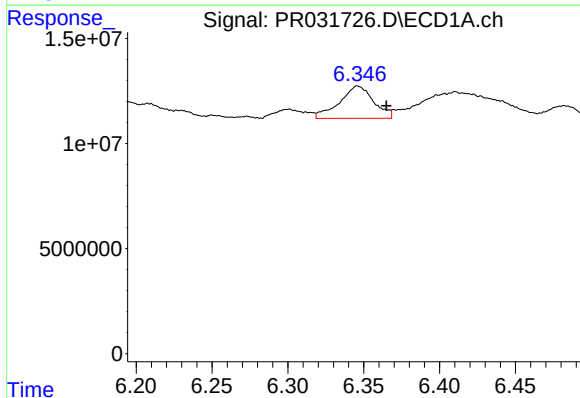
R.T.: 6.051 min
Delta R.T.: 0.014 min
Response: 5200778
Conc: 110.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



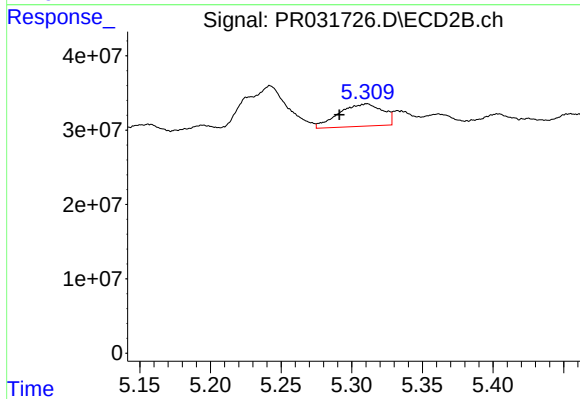
#13 AR-1232-3

R.T.: 4.959 min
Delta R.T.: -0.019 min
Response: 55399428
Conc: 146.76 ng/ml



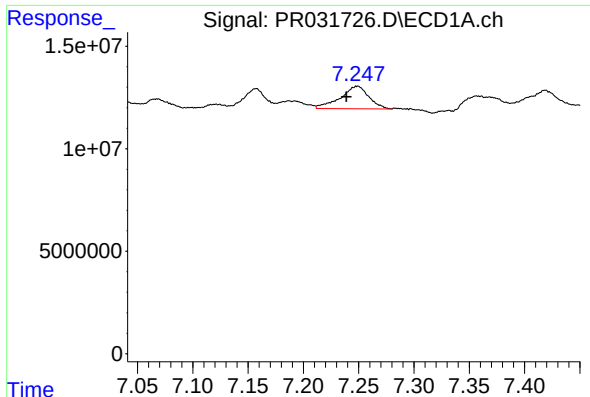
#14 AR-1232-4

R.T.: 6.346 min
Delta R.T.: -0.019 min
Response: 23978483
Conc: 494.60 ng/ml



#14 AR-1232-4

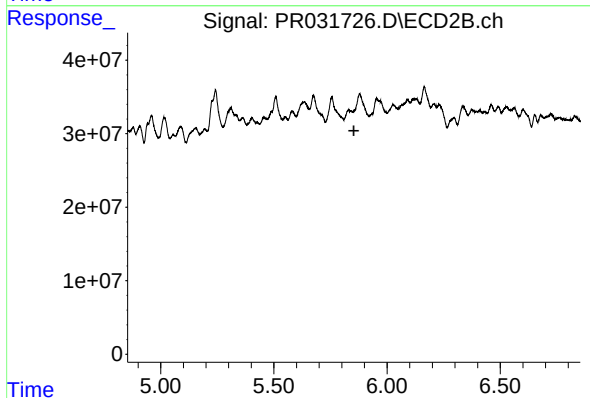
R.T.: 5.311 min
Delta R.T.: 0.020 min
Response: 64932344
Conc: 139.59 ng/ml



#15 AR-1232-5

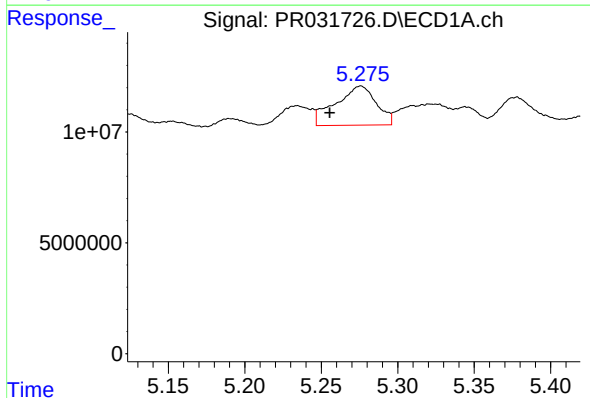
R.T.: 7.250 min
Delta R.T.: 0.011 min
Response: 19657415
Conc: 595.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



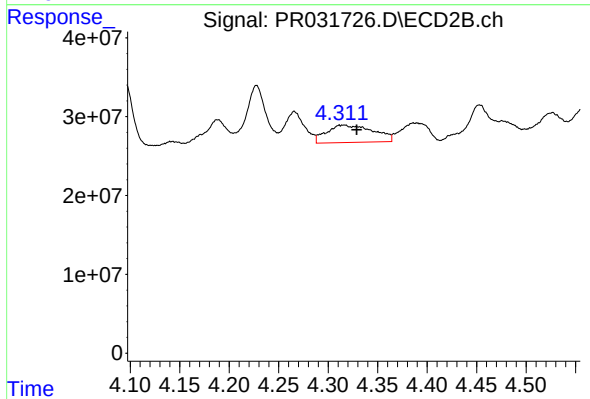
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.853 min
Response: 0
Conc: N.D.



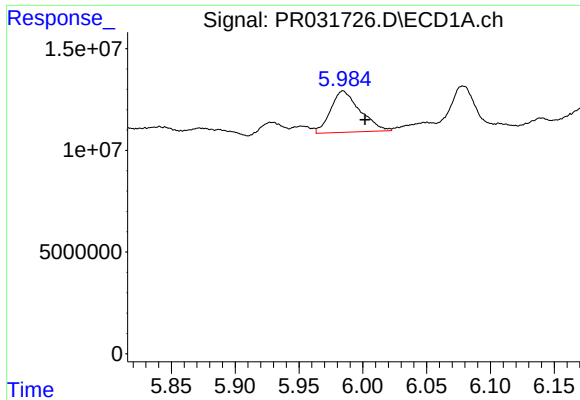
#16 AR-1242-1

R.T.: 5.276 min
Delta R.T.: 0.020 min
Response: 32863073
Conc: 209.22 ng/ml



#16 AR-1242-1

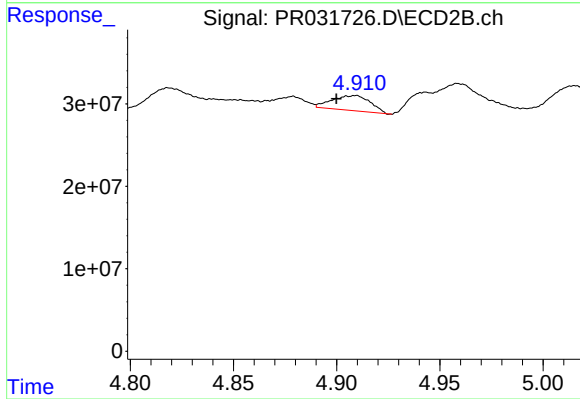
R.T.: 4.311 min
Delta R.T.: -0.018 min
Response: 72605139
Conc: 217.51 ng/ml



#17 AR-1242-2

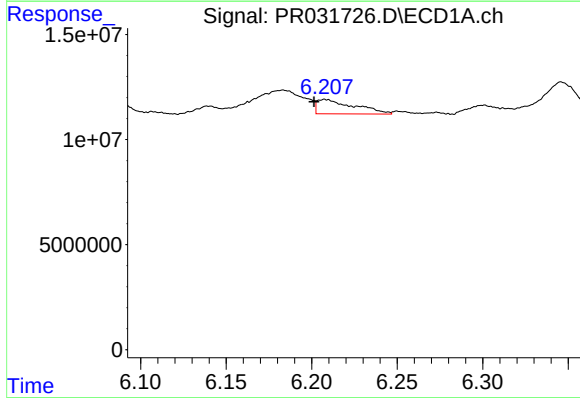
R.T.: 5.985 min
Delta R.T.: -0.017 min
Response: 32691901
Conc: 110.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



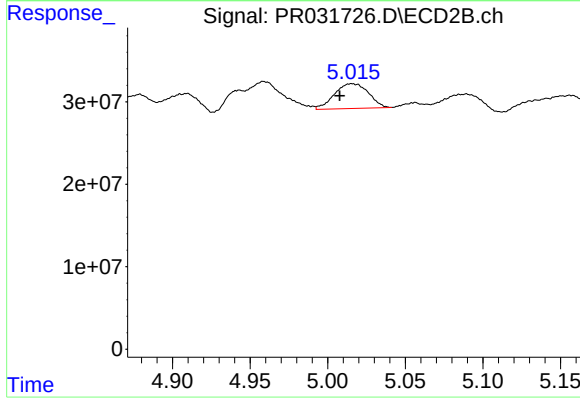
#17 AR-1242-2

R.T.: 4.910 min
Delta R.T.: 0.010 min
Response: 23498576
Conc: 31.68 ng/ml



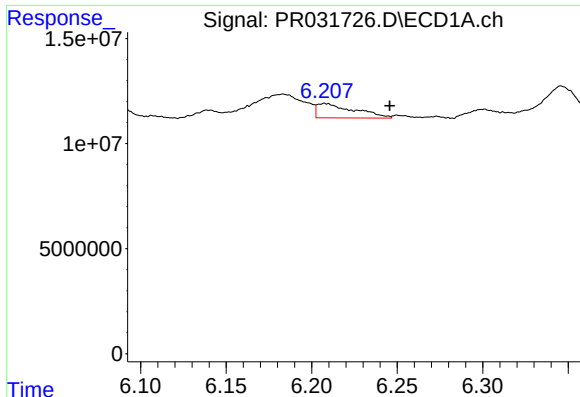
#18 AR-1242-3

R.T.: 6.208 min
Delta R.T.: 0.006 min
Response: 10416914
Conc: 66.86 ng/ml



#18 AR-1242-3

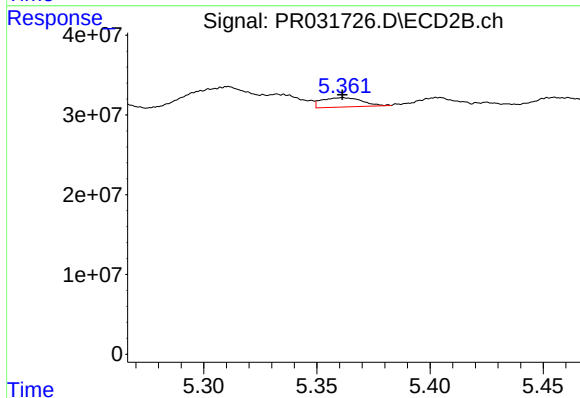
R.T.: 5.016 min
Delta R.T.: 0.008 min
Response: 45973511
Conc: 178.76 ng/ml



#19 AR-1242-4

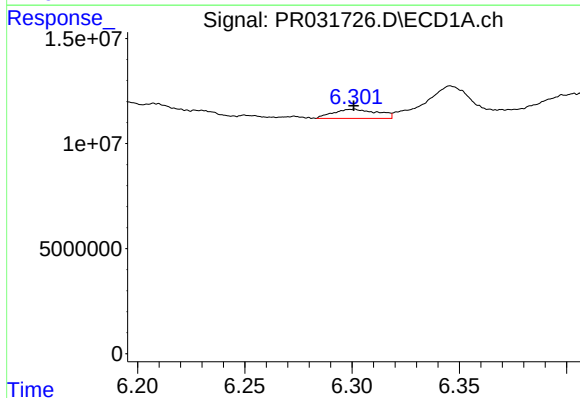
R.T.: 6.208 min
Delta R.T.: -0.038 min
Response: 10416914
Conc: 87.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



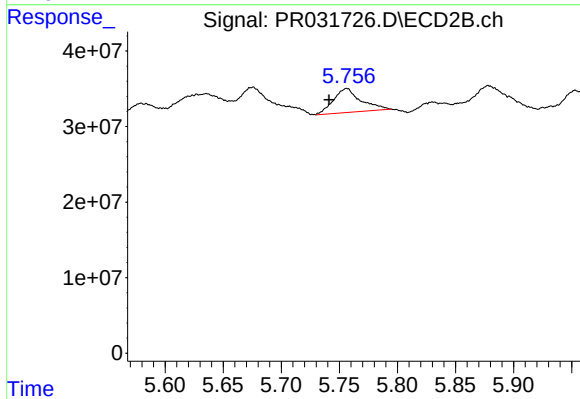
#19 AR-1242-4

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 14487202
Conc: 58.07 ng/ml



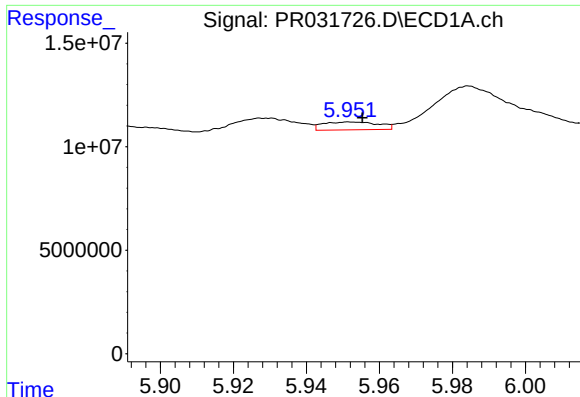
#20 AR-1242-5

R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 6198487
Conc: 16.21 ng/ml



#20 AR-1242-5

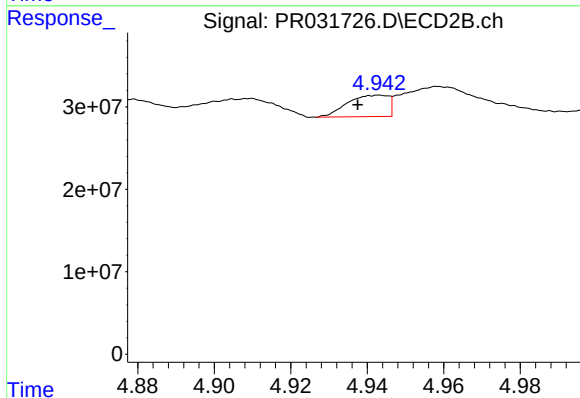
R.T.: 5.756 min
Delta R.T.: 0.015 min
Response: 52228239
Conc: 90.03 ng/ml



#21 AR-1248-1

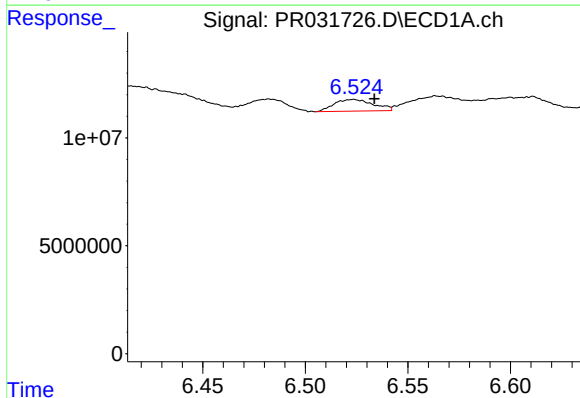
R.T.: 5.952 min
Delta R.T.: -0.004 min
Response: 4035630
Conc: 7.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



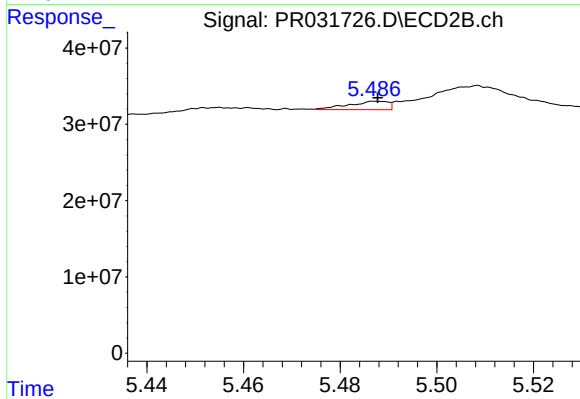
#21 AR-1248-1

R.T.: 4.943 min
Delta R.T.: 0.006 min
Response: 19162800
Conc: 17.32 ng/ml



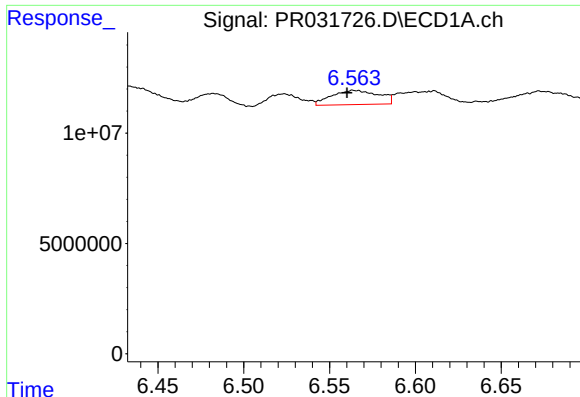
#22 AR-1248-2

R.T.: 6.524 min
Delta R.T.: -0.010 min
Response: 7218601
Conc: 13.46 ng/ml



#22 AR-1248-2

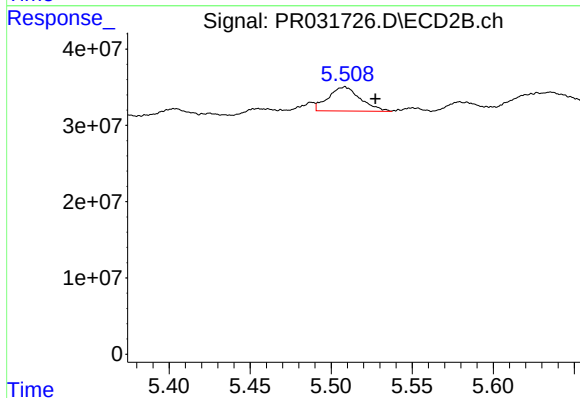
R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 6249288
Conc: 2.75 ng/ml



#23 AR-1248-3

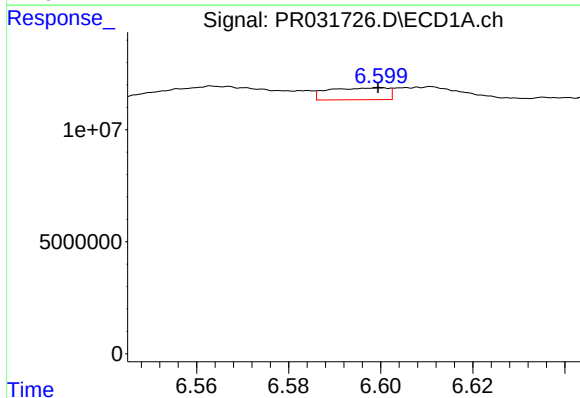
R.T.: 6.564 min
Delta R.T.: 0.003 min
Response: 12336948
Conc: 16.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



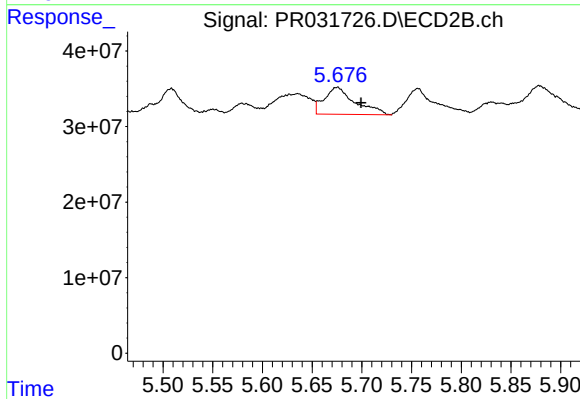
#23 AR-1248-3

R.T.: 5.508 min
Delta R.T.: -0.019 min
Response: 43605114
Conc: 27.36 ng/ml



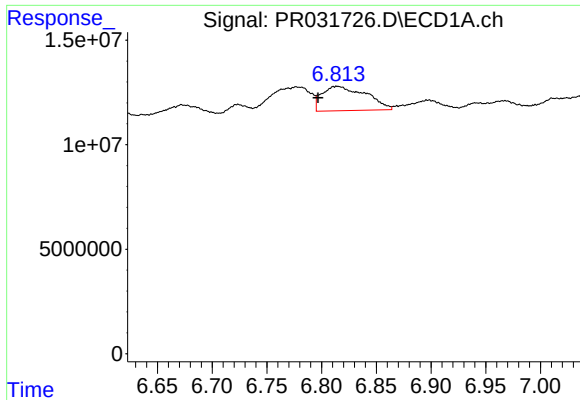
#24 AR-1248-4

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 4786963
Conc: 6.94 ng/ml



#24 AR-1248-4

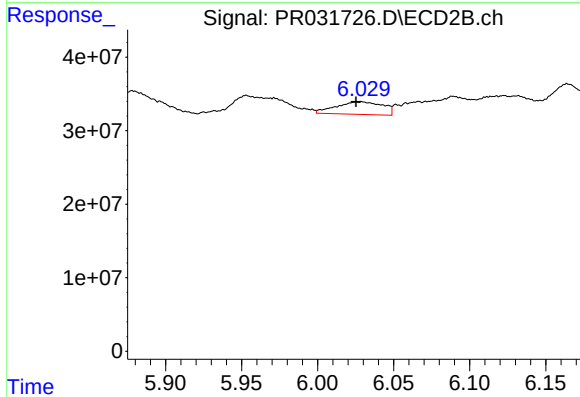
R.T.: 5.676 min
Delta R.T.: -0.024 min
Response: 76517916
Conc: 53.05 ng/ml



#25 AR-1248-5

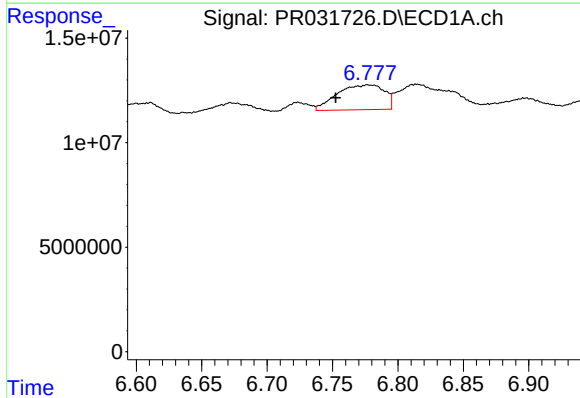
R.T.: 6.811 min
Delta R.T.: 0.014 min
Response: 32578485
Conc: 68.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



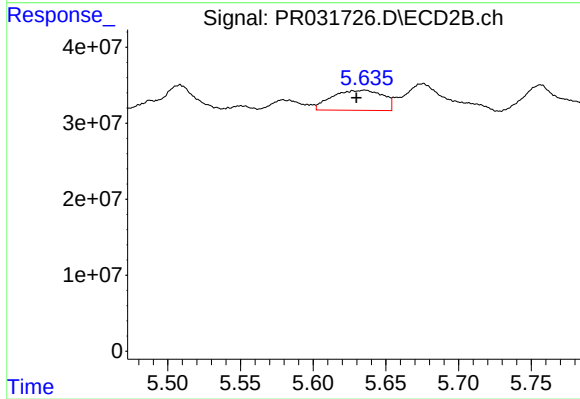
#25 AR-1248-5

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 36725492
Conc: 35.29 ng/ml



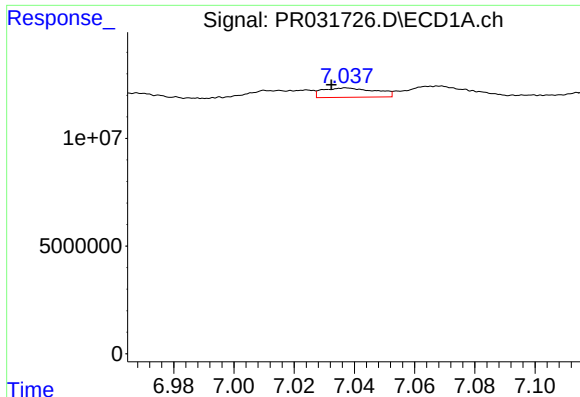
#26 AR-1254-1

R.T.: 6.777 min
Delta R.T.: 0.024 min
Response: 29954169
Conc: 22.62 ng/ml



#26 AR-1254-1

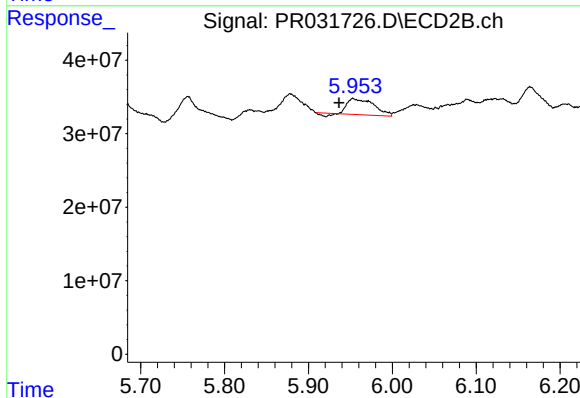
R.T.: 5.635 min
Delta R.T.: 0.006 min
Response: 63990176
Conc: 25.11 ng/ml



#27 AR-1254-2

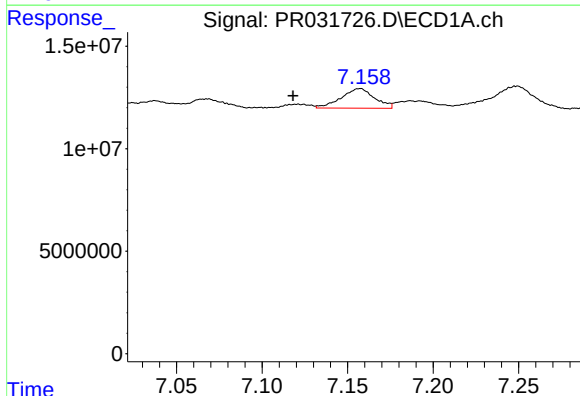
R.T.: 7.037 min
Delta R.T.: 0.005 min
Response: 5248796
Conc: 6.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



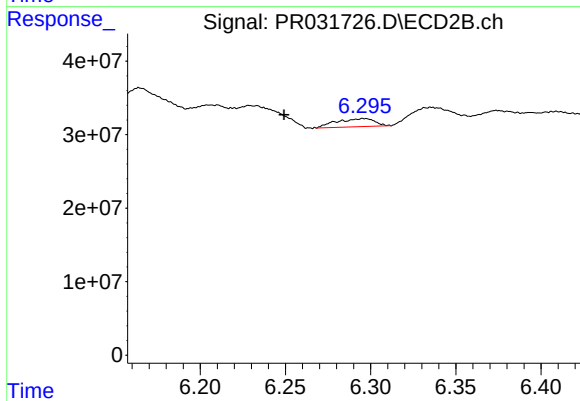
#27 AR-1254-2

R.T.: 5.953 min
Delta R.T.: 0.016 min
Response: 46224389
Conc: 25.35 ng/ml



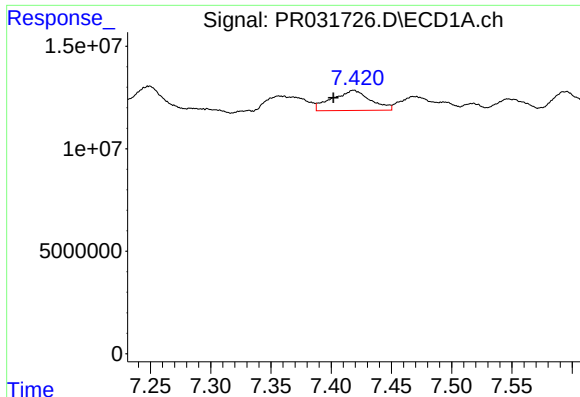
#28 AR-1254-3

R.T.: 7.158 min
Delta R.T.: 0.040 min
Response: 12968394
Conc: 8.74 ng/ml



#28 AR-1254-3

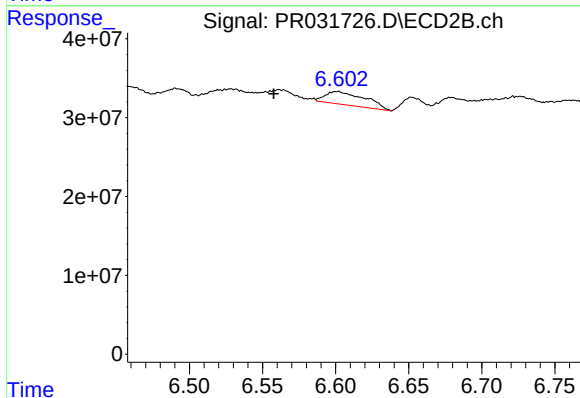
R.T.: 6.296 min
Delta R.T.: 0.046 min
Response: 17236851
Conc: 5.26 ng/ml



#29 AR-1254-4

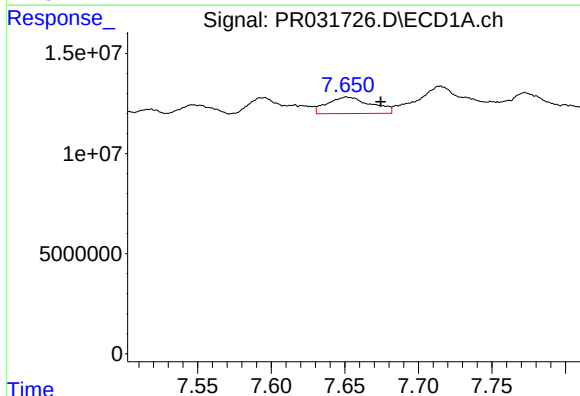
R.T.: 7.419 min
Delta R.T.: 0.017 min
Response: 21633630
Conc: 18.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



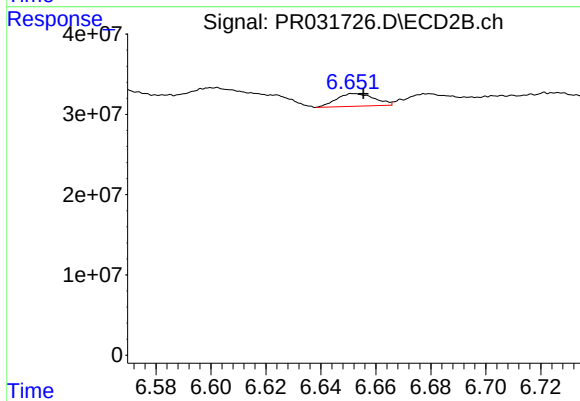
#29 AR-1254-4

R.T.: 6.602 min
Delta R.T.: 0.045 min
Response: 31185074
Conc: 20.95 ng/ml



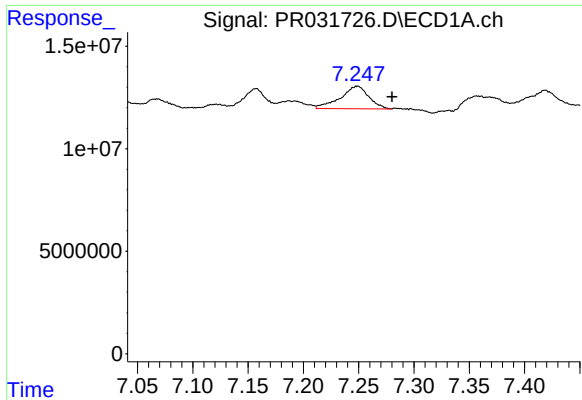
#30 AR-1254-5

R.T.: 7.651 min
Delta R.T.: -0.024 min
Response: 17153682
Conc: 19.79 ng/ml



#30 AR-1254-5

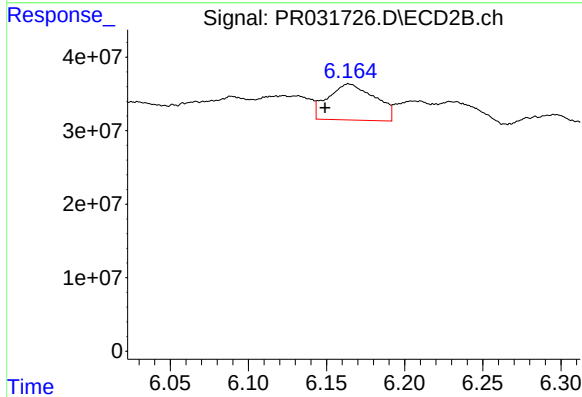
R.T.: 6.652 min
Delta R.T.: -0.004 min
Response: 15068168
Conc: 7.15 ng/ml



#31 AR-1260-1

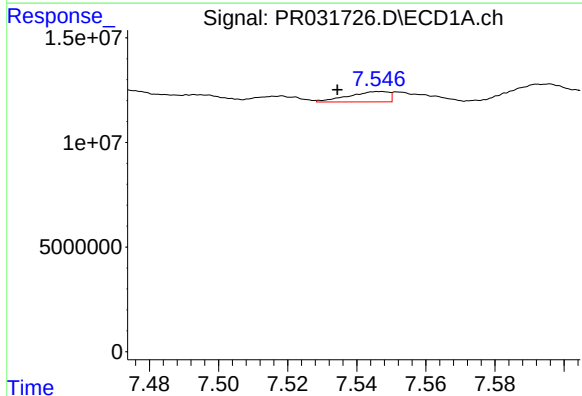
R.T.: 7.250 min
Delta R.T.: -0.030 min
Response: 19657415
Conc: 19.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



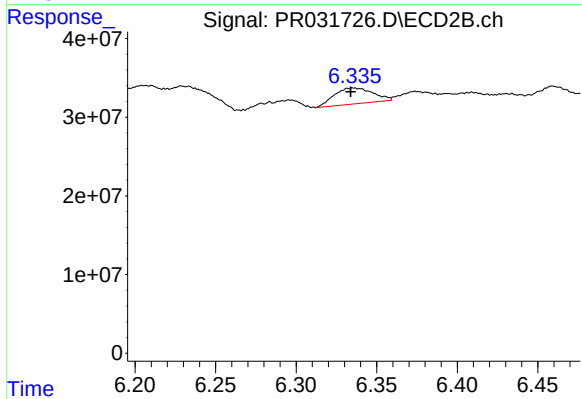
#31 AR-1260-1

R.T.: 6.164 min
Delta R.T.: 0.015 min
Response: 102287327
Conc: 45.05 ng/ml



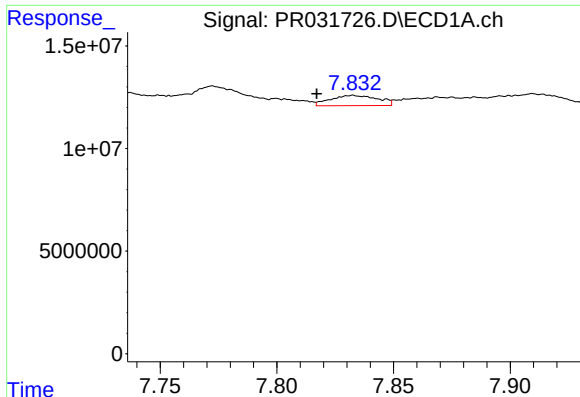
#32 AR-1260-2

R.T.: 7.547 min
Delta R.T.: 0.013 min
Response: 4002458
Conc: 3.02 ng/ml



#32 AR-1260-2

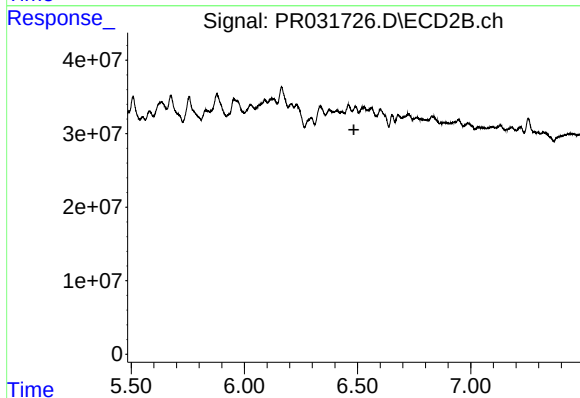
R.T.: 6.336 min
Delta R.T.: 0.002 min
Response: 33819334
Conc: 12.13 ng/ml



#33 AR-1260-3

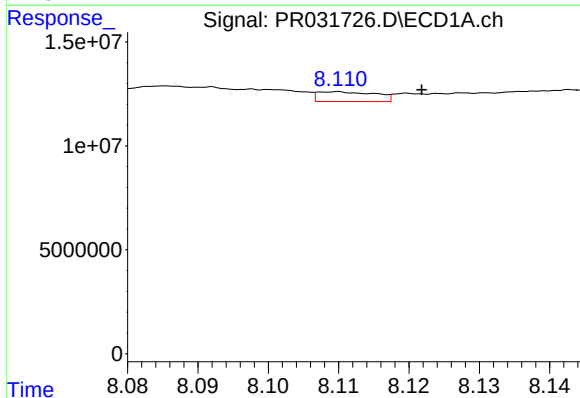
R.T.: 7.833 min
Delta R.T.: 0.016 min
Response: 7012970
Conc: 4.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



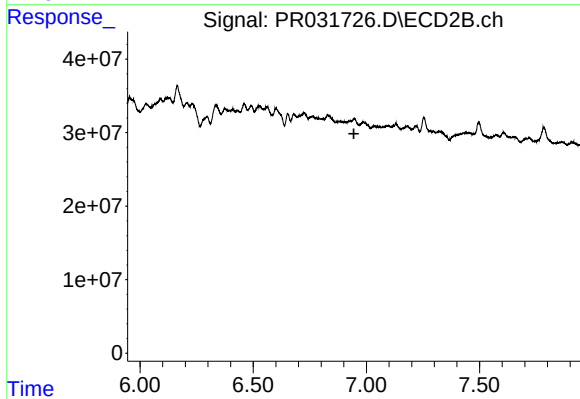
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.484 min
Response: 0
Conc: N.D.



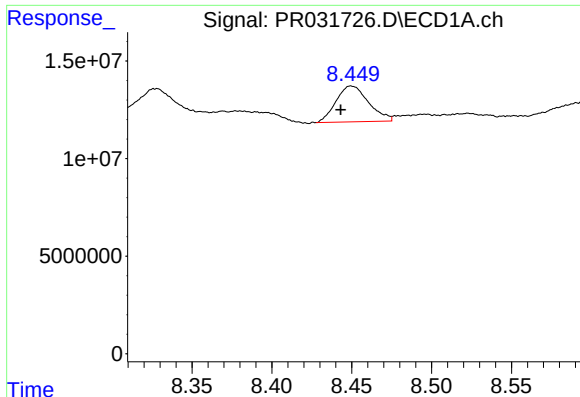
#34 AR-1260-4

R.T.: 8.110 min
Delta R.T.: -0.012 min
Response: 2701702
Conc: 2.41 ng/ml



#34 AR-1260-4

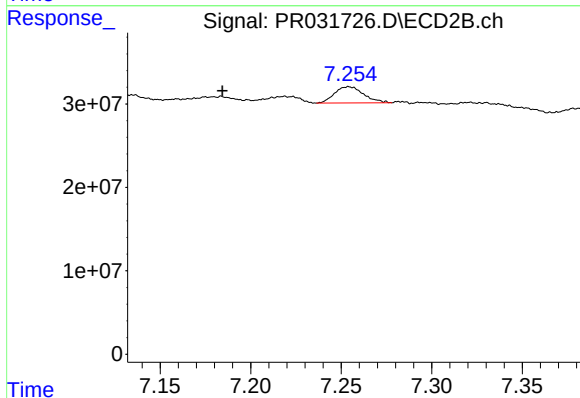
R.T.: 0.000 min
Exp R.T. : 6.945 min
Response: 0
Conc: N.D.



#35 AR-1260-5

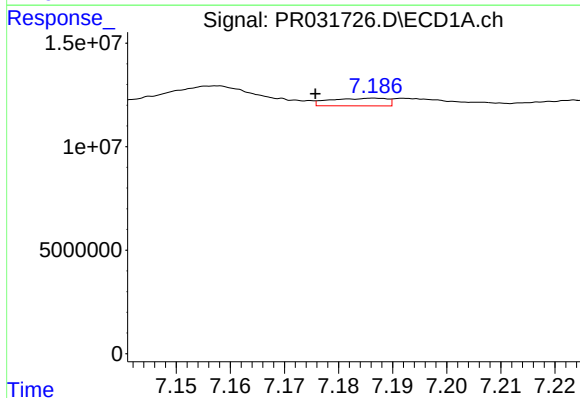
R.T.: 8.450 min
Delta R.T.: 0.006 min
Response: 26125172
Conc: 10.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



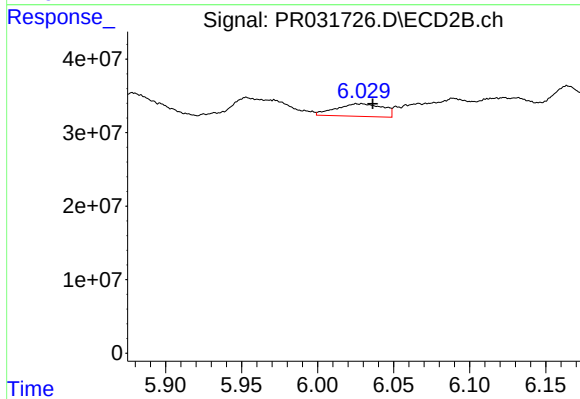
#35 AR-1260-5

R.T.: 7.254 min
Delta R.T.: 0.070 min
Response: 21653283
Conc: 7.36 ng/ml



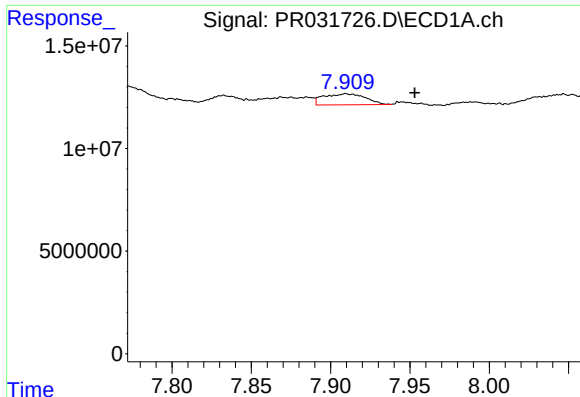
#36 AR-1262-1

R.T.: 7.187 min
Delta R.T.: 0.011 min
Response: 2696827
Conc: 4.56 ng/ml



#36 AR-1262-1

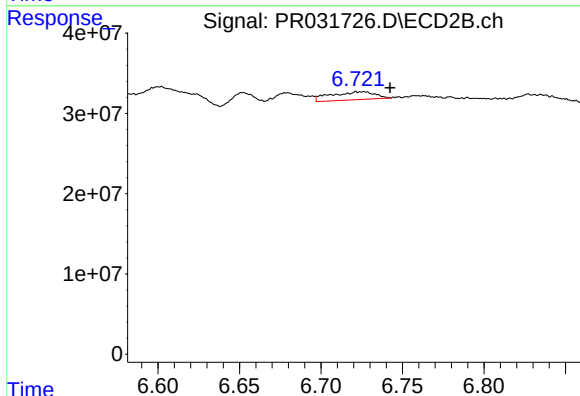
R.T.: 6.025 min
Delta R.T.: -0.011 min
Response: 36725492
Conc: 25.87 ng/ml



#37 AR-1262-2

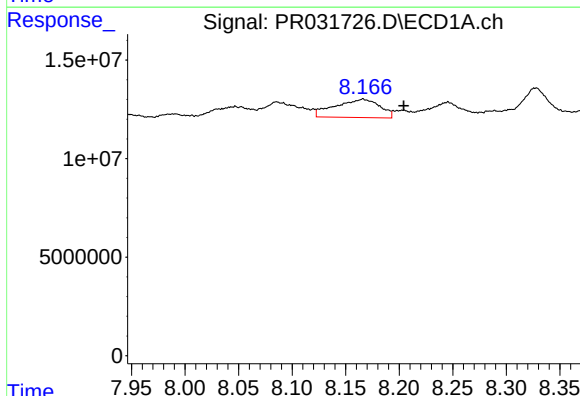
R.T.: 7.910 min
Delta R.T.: -0.043 min
Response: 9854999
Conc: 16.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



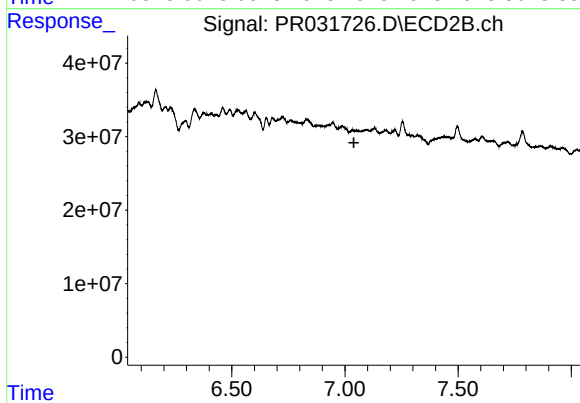
#37 AR-1262-2

R.T.: 6.722 min
Delta R.T.: -0.021 min
Response: 18831533
Conc: 17.55 ng/ml



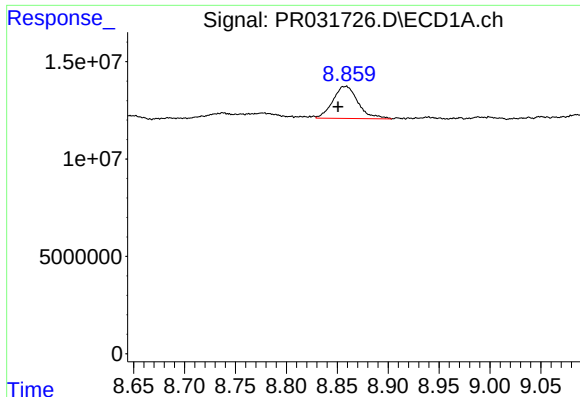
#38 AR-1262-3

R.T.: 8.166 min
Delta R.T.: -0.038 min
Response: 26947249
Conc: 52.02 ng/ml



#38 AR-1262-3

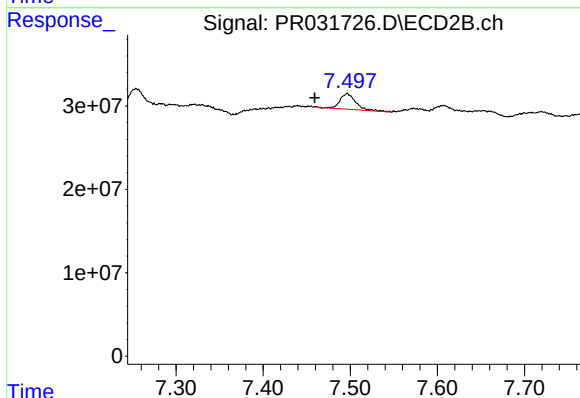
R.T.: 0.000 min
Exp R.T.: 7.040 min
Response: 0
Conc: N.D.



#39 AR-1262-4

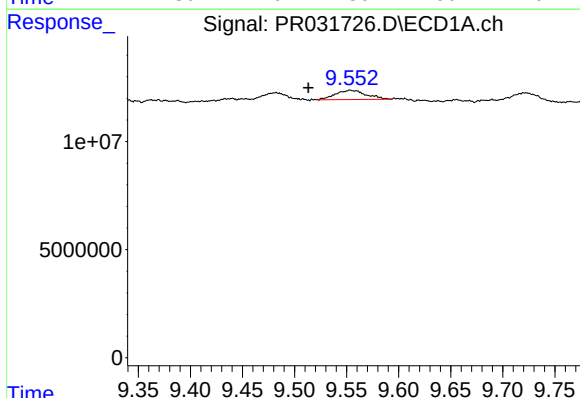
R.T.: 8.859 min
Delta R.T.: 0.008 min
Response: 28457473
Conc: 18.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



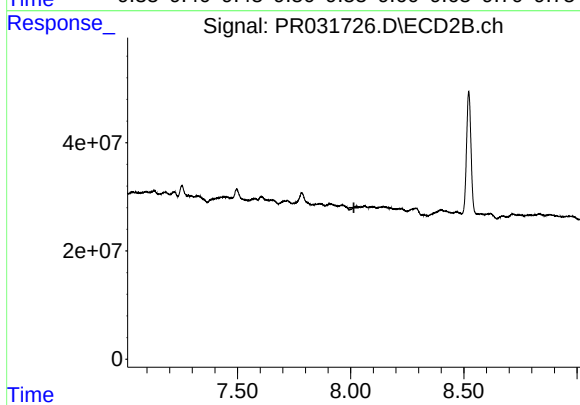
#39 AR-1262-4

R.T.: 7.497 min
Delta R.T.: 0.037 min
Response: 23955830
Conc: 20.62 ng/ml



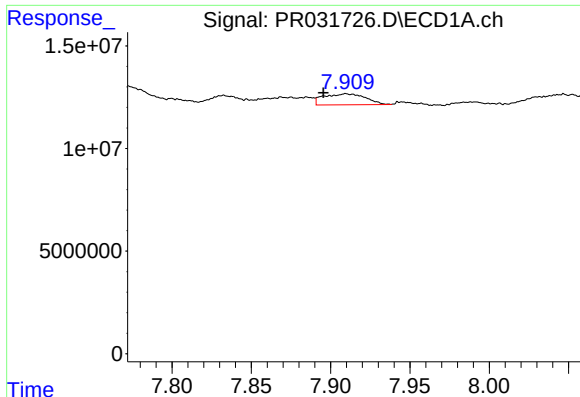
#40 AR-1262-5

R.T.: 9.553 min
Delta R.T.: 0.040 min
Response: 8863689
Conc: 7.89 ng/ml



#40 AR-1262-5

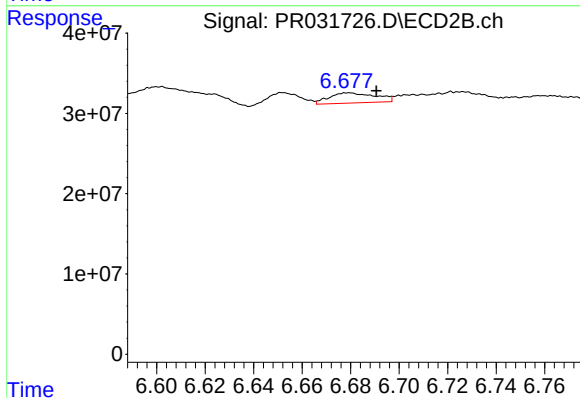
R.T.: 0.000 min
Exp R.T.: 8.014 min
Response: 0
Conc: N.D.



#41 AR-1268-1

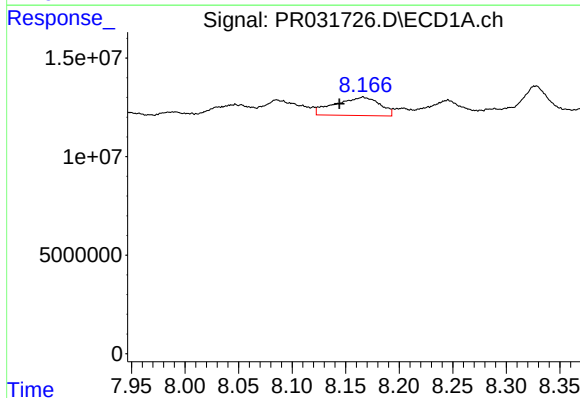
R.T.: 7.910 min
Delta R.T.: 0.014 min
Response: 9854999
Conc: 17.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



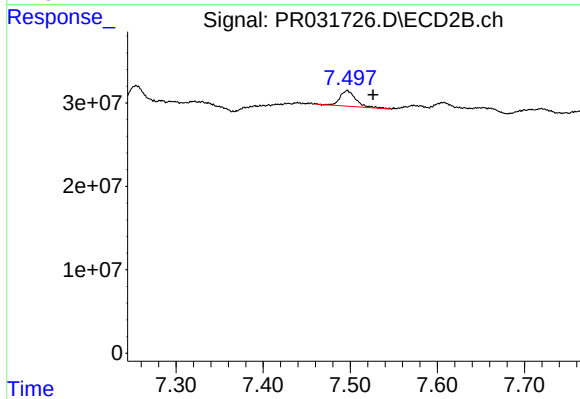
#41 AR-1268-1

R.T.: 6.680 min
Delta R.T.: -0.011 min
Response: 16839226
Conc: 16.24 ng/ml



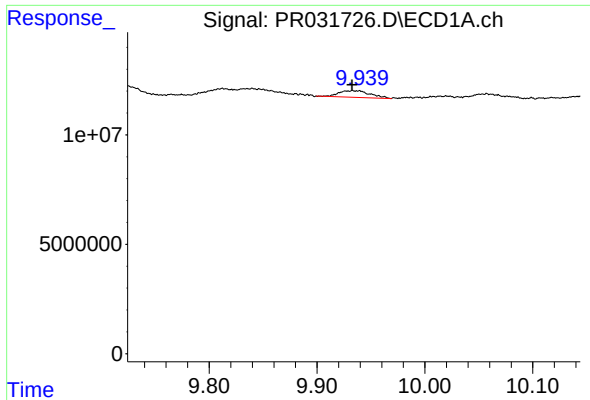
#42 AR-1268-2

R.T.: 8.166 min
Delta R.T.: 0.022 min
Response: 26947249
Conc: 33.33 ng/ml



#42 AR-1268-2

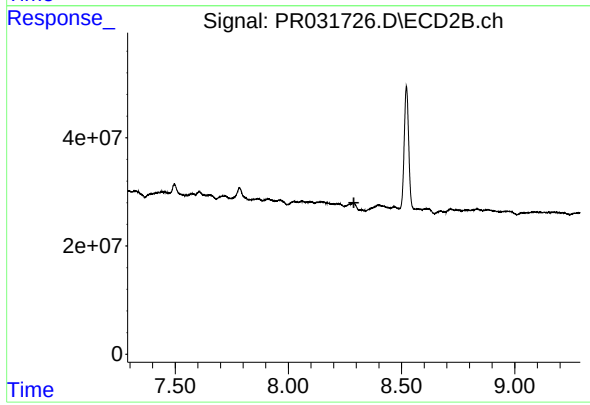
R.T.: 7.497 min
Delta R.T.: -0.029 min
Response: 23955830
Conc: 9.37 ng/ml



#45 AR-1268-5

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 6053730
Conc: 0.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.290 min
Response: 0
Conc: N.D.